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拒絶理由通知書

OFFICE ACTION

特許出願の番号

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特許庁審査官

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適用条文

第29条第2項

この出願は、次の理由によって拒絶をすべきものである。これについて意見があれば、この通知書の発送の日から60日以内に意見書を提出して下さい。

理 由

この出願の下記の請求項に係る発明は、その出願前日本国内又は外国において頒布された下記の刊行物に記載された発明に基いて、その出願前にその発明の属する技術の分野における通常の知識を有する者が容易に発明をすることができたものであるから、特許法第29条第2項の規定により特許を受けることができない。

Claims

記 (引用文献等については引用文献等一覧参照)

【請求項1、4、7】

引用文献: 1~3

References

音声データ、及び音声以外の他のメディアデータ等の複数のメディアデータを多重し伝送する技術において、他のメディアの送出するデータに応じて、音声データのデータ量を変更することで、データ品質及び回線効率の向上を図ることは、普通に行われていることであり、当該請求項に係る発明は、当該技術に基づいて当業者が容易になし得るものである。(特に下記引用文献1では、音声以外のメディアである画像データのデータ量に応じて、音声データのデータ量を変更す

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ることが開示されている。)

Claims

【請求項2～3、5～6、8～9】

引用文献: 1～5

References

複数のメディアデータを多重伝送する技術で、各メディアの送出するデータを適応的に変更した場合、受信側に変更情報を転送すること、また、転送された変更情報に基づいて復元処理が行われることは、上記した文献においても自明であり(この点については、下記引用文献2には、相手先に割当情報を転送することが記載されている。他に、例えば、下記引用文献4、5を参照)、これらの事項についても格別のものとは認められない。

References

引用文献等一覧

1. 特開平6-261017号公報
2. 特開昭61-198941号公報
3. 特開平4-144437号公報
4. 特開昭63-245031号公報
5. 特開昭60-144037号公報

先行技術文献調査結果の記録

・調査した分野 IPC第7版
 H04J3/00-3/26

この先行技術文献調査結果の記録は、拒絶理由を構成するものではない。

この拒絶理由通知の内容に関するお問い合わせ、または面接の希望は下記までご連絡下さい。

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Partial Translation of Office Action

Docket No. DY2175

Issue No. 035531

Mailing Date: February 13, 2001

Office Action

Patent Application Number: 2000 Patent Application 081324

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This application should be rejected by the following reasons. If the applicant has opinion to this, please submit an Argument within 60 days from the mailing date of this notice.

REASONS

The invention(s) relating to the below-described claims of this application cannot be granted a patent under the provisions of patent law, article 29, the second paragraph, because the invention(s) could be easily invented by those skilled in the art before the filing of this application, based on the invention(s) described in the following publication(s) distributed in Japan or a foreign country prior to the filing of this application.

REMARKS (Regarding the cited documents, see the list of cited documents etc.)

Claims 1, 4, and 7

Cited documents: 1 ~ 3

In the field of art for multiplexing and transmitting a plurality of media data including audio data, and other media data except the audio data, etc., it is commonly employed to change the data quantity of the audio data in response to the data sent from other media, to improve the data quality and the efficiency of communication circuit. The inventions relating to the above claims could be easily invented by those skilled in the art based on the above technology. (In particular, the

below-mentioned cited document 1 discloses to change the data quantity of the audio data, in response to the data quantity of the image data which is the media except the audio.)

Claims 2~3, 5~6, and 8~9

Cited documents : 1~5

In the field of art for multiplexing and transmitting a plurality of media data, when the data to be sent by the respective media are adaptively changed, it is obvious also from the above-mentioned documents, to transfer the changed information to the receiver, and/or to perform the recovering process based on the transferred changed information (In this respect, the below-mentioned cited document 2 describes that assignment information is transferred to the receiver. Also see, for example, the below-mentioned cited documents 4 and 5), these items cannot be recognized to be particularly noticeable.

List of cited documents, etc.

1. JPA Hei 6-261017
2. JPA S 61-198941
3. JPA Hei 4-144437
4. JPA S 63-245031
5. JPA S 60-144037

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1. Partial translation of JPA Hei6-261017 (paragraphs [0003] and [0013])

[0003] ... For example, when communications over two B-channels of ISDN network are established and 48kbps audio communication rate is directed, a frame is configured to have channel assignments as shown in Fig.3. Therefore, the first to sixth sub channels of the first channel are assigned to audio data, and the eighth sub channels of the first channel except 16bit (FAS, BAS) and the eighth sub channels of the additional channel (second channel) except 16bit (FAS, BAS) are assigned to video data to have channel assignments as shown in Fig.3. Unless change of the audio communication rate and use of LSD and HSD are directed, the frame configuration will not be changed, and therefore video frame communication rate will not be changed.

[0013] A buffer control section 13, while watching the amount of encoded video data for transmission stored in a video data buffer 12, notifies increase of the amount of data and increase rate to the frame control section 16 if the amount of data exceed the limit before notifying the change of encoding parameter to a motion picture data coding / decoding section 11. The frame control section 16, in accordance with said notification, directs a multiplexer / demultiplexer section 9 to change the frame configuration by decreasing audio communication rate and increasing video data communication rate. ... By comparing Fig.2 and Fig.3, it is clear that the video data communication rate is increased by changing assignment of a part of sub channels from audio data to video data. ...

2. Partial translation of JPA S61-198941 (lines 10 to 19, upper right section, page 3)

The terminal watching section 31 receives usage status display signal (c) from each telephone and TV conference usage status display (d)

to watch current usage status of each terminal. The common control section 42, in accordance with watching result of the terminal watching section 31 and predetermined standard, controls bit rate at the CODEC section by bit rate directing signal (e), configures a time-slot assignment to each telephone line based on the bit rate, and transmits that control signal (f) to the signal terminal / separation section 32.

3. Partial translation of JPA S63-245031 (line 20 at upper right section to line 9 at lower left section, page 4)

When the information channel B is divided into audio, facsimile and data sub channels, it is necessary to notify the configuration of the sub channels to a receiver. Therefore, as described above, by using the HDLC frame on data in the control channel D, the sub channel configuration is transmitted. A message for that will be called a user information message, and by using the user information message, when communications are established and the configuration of sub channels are changed, the configuration of the sub channels of the information channel B is notified to the receiver.

4. Partial translation of JPA S63-245031 (line 18 at upper right section to line 11 at lower right section, page 3)

As means for identifying the change of bit rate assigned to audio signal and data signal, transmitting identification information thorough the other channel...

... This identification bit pattern may be transmitted only for a period of time required to be detected at a receiver when the bit assignment are changed...